Special Issue

Tools and Algorithms for Industrial System Production and Operation Management

Message from the Guest Editors

The Industry 4.0 revolution took production systems and processes to a whole new era in the digital world. In this Special Issue, we invite articles focused on research regarding the latest tools, algorithms, and operation management approaches that can be used to improve production systems. This Special Issue will focus on publishing original research works on the application of optimization algorithms, machine learning, and artificial intelligence toward improving industrial systems. Furthermore, it is concerned with new tools in operation management for automating/optimizing tasks, systems, and processes. Topics of interest in this Special Issue include but are not limited to:

- Optimization algorithms for industrial system production;
- Machine learning applications for industrial systems and devices;
- Artificial intelligence in a production environment;
- Automation and cyberphysical systems;
- Novel control methods and algorithms for industrial systems and robotics;
- Applications of advanced algorithms toward improving production processes;
- New tools in precision industrial systems;
- Sensing techniques, methods, and algorithms for industrial systems;

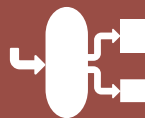## Guest Editors

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Deadline for manuscript submissions

closed (20 December 2023)

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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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